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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/049,444	02/07/2002	Tsuneyoshi Saitoh	55078US005	3905
32692	7590	11/07/2003		EXAMINER
3M INNOVATIVE PROPERTIES COMPANY PO BOX 33427 ST. PAUL, MN 55133-3427			ZIRKER, DANIEL R	
			ART UNIT	PAPER NUMBER
			1771	

DATE MAILED: 11/07/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	Examiner	Group Art Unit	

[Signature]
—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE -3- MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

Responsive to communication(s) filed on 8/22/03

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

<input checked="" type="checkbox"/> Claim(s) <u>1 - 8</u>	is/are pending in the application.
Of the above claim(s) _____	is/are withdrawn from consideration.
<input type="checkbox"/> Claim(s) _____	is/are allowed.
<input checked="" type="checkbox"/> Claim(s) <u>1, 3 - 8</u>	is/are rejected.
<input type="checkbox"/> Claim(s) _____	is/are objected to.
<input type="checkbox"/> Claim(s) _____	are subject to restriction or election requirement

Application Papers

- The proposed drawing correction, filed on _____ is approved disapproved.
- The drawing(s) filed on _____ is/are objected to by the Examiner
- The specification is objected to by the Examiner.
- The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d).
- All Some* None of the:
 - Certified copies of the priority documents have been received.
 - Certified copies of the priority documents have been received in Application No. _____.
 - Copies of the certified copies of the priority documents have been received
in this national stage application from the International Bureau (PCT Rule 17.2(a))

*Certified copies not received: _____

Attachment(s)

<input type="checkbox"/> Information Disclosure Statement(s), PTO-1449, Paper No(s). _____	<input type="checkbox"/> Interview Summary, PTO-413
<input type="checkbox"/> Notice of Reference(s) Cited, PTO-892	<input type="checkbox"/> Notice of Informal Patent Application, PTO-152
<input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review, PTO-948	<input type="checkbox"/> Other _____

Office Action Summary

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1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

2. Claims 3-8 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. More particularly, claim 3 has been amended so as to in essence form a kit claim with claim 1, whereby the adhesive sheet defined by claim 3 has a particular structure and also a preamble stating an intended usage of the sheet, but one that is not entitled to structural weight. Note that applicant's claim 3 recites a "second adhesive sheet for applying the first protective layer of the first adhesive sheet of claim 1". In claim 7, line 2, "protective layer" lacks antecedent basis , and in claim 8, line 2, there is no antecedent basis for "second adhesive of claim 4".

3. Claims 1 and 3-8 are rejected under 35 U.S.C. § 103(a) as being unpatentable over EPA -570 taken in view of JPA -771, substantially for the reasons set forth in paragraph No. 5 of Paper No. 4, together with the following additional observations. Initially, it is noted that applicant's new characterization that the "fluorine polymer contains a vinylidene fluoride unit" is clearly set forth in EPA -570 (note, e.g. the Abstract), while the hydrophobic agent set forth in both claims 1 and 3 is clearly disclosed in JPA -771, machine translation. With respect to

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applicant's remarks (Response, page 7) directed to the alleged lack of motivation to combine, the Examiner can only note that each reference is directed to weather resistant flexible substrates which are particularly resistant to dirt and stain accumulation (EPA -570) or agents for preventing adhesion of stain and article for outdoor use (JP -771), and so they clearly relate to forming suitable articles that have excellent qualities useful in outdoor use. As to applicant's recitation in claim 3 that the "second adhesive sheet" has a "second adhesive layer containing a coupling agent", such coupling agents are believed well known in the art, and also note that the secondary reference JP -771 teaches (paragraphs 0089, 0091) that silane coupling agents can be blended with a constituent that can be used not only for paints but also is present in adhesives and the like as a desirable additive. With respect to applicant's dependent claims, the embodiment of claim 5 is believed set forth in the paragraph of EPA -570 at column 2, lines 50-53, while the hydrophilic agent set forth in claim 6 is believed encompassed by applicant's structural formula in JP -771, and the water contact angle set forth in claim 7 is believed to be, if not clearly inherent in the resultant article, at most an obvious optimization to one of ordinary skill, in the absence of unexpected results.

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4. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a). The practice of automatically extending the shortened statutory period an additional month upon the filing of a timely first response to a final rejection has been discontinued by the Office. See 1021 TMOG 35.

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel Zirker whose telephone number is (703) 308-0031. The examiner can normally be reached on Monday-Thursday from 8:30 A.M. to 6:00 P.M. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel Morris, can be

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reached on (703) 308-2414. The fax phone number for this Group is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0661.

Dzirker:cdc

November 4, 2003

DANIEL ZIRKER
PRIMARY EXAMINER
GROUP 1300
1700

Daniel Zuker